

ABSTRACT

A controller for a lighting system is integrated with a light or other device. The controller operates in a local mode to control the integrated light only and in a remote mode to function as a serial network protocol controller for a series of connected devices. In remote mode, an IR/RF remote control is used to change settings for any device connected to the controller. The controller generates a fast serial network protocol instruction sequence, such as a DMX-512 protocol instruction sequence, from the commands received relatively slowly from the IR/RF remote control. The controller can include an hours of operation counter for the integrated light and a global setting function for changing all connected devices simultaneously to a single setting.